Inaugural Epay Fractures Dislocations &c: Degree of Doctor of Medicine The University of Pennsylvania. Reuben A. Gentry Williamson County Jenneper. Philadelphia January 15th

Deer farmin. Mr. I waley the or oracles the oracles and burgers in Vranky transcent the second of th

dophisty and errour, to These disple and cle mentary truths, from the lights of which, the description physicere can alone aspect to direct his way together with many acts of undividual kindues, have fixed upon my memory, feelings of gratitude and affect. ion, which will only cease with the term of my existence. For These multiplied ben efets, permit me to inscribe to you this have ble say as an apurance of the executed istimation in which I hold you, as an ind

ividual of pre- univent worth, taluts, und That the brilliancy of your professional canew may be unclouded; that the profession may ever be proud of your duperior tatent, actualise acquirements, and great usuful nes; and that your life may be long, and perous, and happy, is the heart-felt wishes Jaur dincere friend, and Offectionate pupil,

## Practures

I fracture is a solution of home into two or more fragments. When the bour alome is divided, the fracture is Calla sine. ple: When in addition to the solution of baux, the soft parted Covering it are divided, The injury received the appellation of lam. pound fracture. When the boar is broken in Several placed, or when the fracture is account paried by laceration of large reflets, or by dis location, it is bound lamplicated. In addit. · ion to the Simple, Eamparena, and Camplicated, according to their direction, fractand are tal. led transverse, ableque, lengitudinal, He. External Violence and mudealor action, sop exately, and cambined, are the causes of fractures Empitation and deformely, may be considered The most unquevocal signs of fractions do These my be added, as a ccaring in many

of sector

Eaded, pain, Swelling, and institly to more the Generally, the first appearance which presents stall to The surgeon, in his examination of a fracture, is the displacement of the ends of bons huce, the first indication, is the nduction of The fragments to their natural situation. After the wids of bow are placed in apposition, The cautraction power of the musicas, has a consta not tendency to deferate them, and when defeated, to draw them into this I abstance which they in itate, and it wite to additional contraction in This way, the limb is sometimes ordered to two the irds its original bugth, and The doft testures very much lacerated. From these facts it is obvious, that the complete sufferedien of musice lar action, it am of the most important indi calcaud, in the treatment of fractured. When violence has been offered any part, notdesired the topper to be write to of wear the fast intertion of the potention the

use, to restore the part to its prestice healthy Caudition, indicted a prelinatural action, and when unrestrained, querally transferred the bou = mad lampatible with speedy recovery. Now as a high grade of inflamation, is known not to be in harmony with the recuperation proc ed, the premition, it when it had account the removed of it, is by nomined the least importa mt indication in the breakment of fractured. The pain attending fractions is in some cased almost indupportable, and the removed or miligation of it, not only conduced to the com fort of the individual, but quarantees the favourable termination of the accident. To fulfice the first indication, we resort to waterde Counter ex tension, and Coastation. To suppress muscular action, and Control inflamation, I recommend the bandage or roller

and the same of the same of

Waveing recommended the bandage, I deem it med dary, and not inclinant to the subject, to make a few remarked on its application. The Salutary effects of the bandage depoint on its judicious application, and I have he doubt, that the consequences areday from its un proper application, have truded it to be ten demond and list arted by many, at produce. my Serious and pernicious tousiquences. A very lawren mede of applying it, is to lind it tightly around the part sustammy myny, to account the parted below, unprotected by it. In that way, it acts precisely as a lighter, pradu cing derangement in the cercutation, particul orly of the benows blood, and londequent tu. nufation, stonghing, and medification. In applying the bandage, we should invaria. by commence directly of the attractly of The limb, and taking care to make require



and unexorm Composition, by Couring hop of each been by the succeeding our, should contune it some distance about The injured part. When expect we fractured, the link do me in Rofel in the Attended position, and The band in perpect apposition, during its applicati on , and it should its land subjectively high, to paralyze all the meedeled Concerned in the motions of the limb. it should be reapply, a every dit er will nev, ir ve often ad it may become de este una part, de aute je ual pre weer. When the bandage & thus applyed , to its come reflier influence, The modeled in to long lite y paintifunte at it is reduced a a state of perfect quies cure, and independent of any effect of a were adjusted rate , by to ton ptilly in spre ding messence section, the great uslach to The quist cordition of 11 -



bone, will be affectually removed, all danger of displacement, and the persistent londinger wend of such displacement, with be obvioled, and Thus, a very great desideralum in the treatement of iraclused with be obtained. But this is not the only buspicual expect of The Candley . By its equible composition The capacity of the writing wife be discumshed, the jou inplust of blood with be presented, a your ter quanting those is efinited to the restoraise praced, count to impeled through heur, ac. commelation and inforgement ( somet lake place, and explaination in a ductive samet Superious. But admitting that they ware ace used, The landage of equally proper; jes by its action on the laseular system, it will spec dely distript inflammation; and as it inera sed in an astonishing der gree the actively of The Murben &, tumbaction wite quickly de



I in toudage should the landibility of the parts to which it is abpliced and chiated, by prime ling the supermution of a high degree of in flavor it . the very exquisite dendibility which altered ex at tree in flower a long setting and their presuit the accurrence, to arodund a diminution of pain, more artanely than any narceta , mice, I am constrained to pronounce it, The most terlain unodayer in fractures. To Mustrate my virses, and to demonstrate the dieacy of the plan of treatment recommen. dea, I will undert a cake; and as oblique fra clared are acknowledged to be of most dilice cult management, and most afet to terminate in deformity, in case where to so that i han

In the ich of 1828, a breast by, end without in in a breakly of a respecially of a respecially of anter on the recently or Sitington Kintucky,



was thrown iron his horse in the streeted of Liberationaly the vale, his Trigh was inectuna of or a little above to mid tie. It Sudly was requested to best him. The practure bring of The oblique Character, he inperior sortion was drawn two or more inthes when the poster cor surface of the deperior pragment. It se lution and lown ho it lustion the iraginus .a ne reduced to their proper delication, and to ing so relained by the same jorces; a band age was applyed from the extractive of the tood to the superior part of the limb, and the en pajsea several times around The pelis and thus made secure. To prevent displace ment from ruf involuntary movemus it The body during steep or showing, oursige linely, classic los a set us a set une sur · hail or ive invienters the, woo her bound on with moderate simunes. On the Serenth or



righth day the do fined above normalisme by their naphplication of three or jour developing periods, be dead explained to perfect with me water the boy was relocate to perfect without the slightest expensity and without the preductation of a ringh want fixed of gaplan auring the present of these wants and present of the preductation of a ringh want fixed of gaplan auring the present of these

without spraking particularly of the next wil of all the different bound, I will have remark, that the same form which should gove our set in alighbour and position will be usefully as in those with the poseason, I've. If the remarks, which were made with more fractional alludion to simble gracines I will now day a few words in limber proclaims.

It is in these that we mut with laceration mudeled, suffluend blooding feld, and infer



red Merved; and these are the in, would which more than any others, elicit the sympathies The femoleut and philanthrapic practitioner, and cale most boudly for a sistance from The durgeon. Her, in accordance with the most padaionable mode of breakment, placed the lead in the most easy and continuent positian, and indeasours to moderate inflam. malong action, by lucked, to lead, &c; and afin Jubsidence of introver aling placed the hourd in appartion, and applied his dressing. a fall and infficient practice. What did I'm Surgeon year un lemprana 11a. ctures? high instancemention, and consequent duperation, any- seated a boceford, slonghuy, Senuous alcers, meereis of the law, tan brotis on and deporting, or at least, a protorated and painful cure. - fow as the pathology of the officered tisher



teached us, that a high degree I inclumed weather tran, es not a mersay air tree dut to the of affick matter, but on the contrary retards rud lerwy of that process; I without hedelulus, we press it as my decided apricon, that it wou 1.6 be better, after the removeal of any de tacked portions of law, surundentely to fel ace the fragments in their properer position weed toking drawn the divided inly am and in tantati, and decured them by and edice strafed, by the immediate applica tian of the bandage to pracure runion by adhedion, and theed convert the lawfound in to the disple practure, than to deliget then autostunate dulperer le the listuring pains accampanying high inflammatory action, to a long lem or weath distrest, and to the liability to the axile above menhoused; all of which not unfrequently present themselved un



the The Coursen made of treatment, but none of which lound lake place, under the influence of a property adjusted boudage. Attes these todalley sen asked in ten pound ractioned, till proceed to make a per observed hind to practured it the police. Fransverte pactured is the for some or mer- comme in; lat dometioned I'd pacture perpendica larly. There the tracture is in The transperse Character; by the action of The ricted, baste, + Crusal's mudeled, the Superto to drewn from The lace; in a defour propertiends to the so Cal is injury Sistained by the lapstular is enent, and the but wind aponeurodid town The depression schooler The less perhind of lane, The detection of the depender crognout in · The accustor part of The Thien, and The wind practing to determ The by, wir treatly midie



she the nature of the recident. . W un exemination a the plant of tratement necessaried to be count authors, would be a cide it expendeder- of love, I will men ay umark, That de par it my knowledge we thuld , they agree in daying numin of board ravely of ever officted; and some of the hoghest authorities, after the subsections of infloremente. .... , mich Try andrawer is ut pedito his luck my , caper ting talund, or oppreximatithe wild it home, and alient to decure them in Thur or per position, by pads, buchles, straps, & C, 9°C; and their unleavour to procur nec nion by legar out or has, as the case may be; and proserit The early application a tive bandage, es likely to increase pain and da i ing, and to induce a stoughing condition of the parts; effects, which the has tope in in property applica, near produced.



To prevent the accurace of ale unlocated by in pland, and to precur remin by low ofthe I am dage should be immediately approprie Communing at the lind, it should be ton toward to the when relly if the practar ed len ; and ther in war should be pad ed around the pelvid that it may be decur ed, and their continued down the thigh untill of reached the Superer margen of the patitle on a De Stant at the sometime aroung the is agreeted in Contact; it should then be so applica as to form the figure of eight, and new wards payed in speral lund around The whole.

Without recapiticitating the effect of the law rage it will just remark that as the action of the mascles is the great obstacle to the properly apposition of the dividual durpares, and a high whom if without



matern the any consustance induspring the parameter bruinston of the accidant these differenties will be perfectly obvious by the comparative and paralogues information of the control to the paralogues and the control of the parameter by the paller and to private united by they mater.

Throug the proposition of receivery, the leg charles to water two pelies. If the capitaline of the pearly was to the pearly water to the transportation of the effect of the tream country to the transport to the water to the pearly the pearly water to the transport to the trans



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Compound proclaims of the patotle on more clifficult to manage; and it is the that the had he somewhat to be por summerly use wit.

The consequences most to a sportmented in hise cased, or ingressed in with the night of from I lead the with the sight of from I lead the water and when the with the sight of from I lead the water and with the sight of from I lead to be in terms and with the sight of from I lead to be in terms and with the sight of the sight of

For at them it he beek thing in nature, when affect without a ladick, ma as on know that the soft ourselver and constitutional institutes are effectly of the way thing to do be to second in securious or elements of their transfer and the second in the continues of their transfer and the second of their transfer and the second of the sec

After securing the dire is a integenment in to near by a aheadin straps, the bon case sh



cute to applye as directed in trad of fin. I be gradien. The gold is his interestment in to make the current of and cut of the second in the second in the cut of the conference that are such the courself second to be suggest, and in a cut weeks project restriction in a constraint of the rand interestment of the rand interestment of the rand interestment of the said interestment of the rand interestment of the said interest.

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of the districts, it will un down digre all



at an antificial Captula the direct puts with to retained in to retrieve in metagene to make the surjection of the first interaction were insurgant the parts wire be the ceasing with at to true heart to the resemble call the manuscrattless of whether the resemble call the manuscrattless of whether the statement to best on the state when the state when you provided in

From the resequing remarks it will be extended that I conceive the bandage to be the most extern in the breedoment of instrumention if the breeze ince is the breeze in the breedoment of high in claimmation. The brief is selection of the brief is a claim to the striplet of breeze to their halman defection. This will not be accomplished by a business made when the breeze is a completely a feet his in made of the breeze in the breeze i



Men it necessary I conta here detail soon rat cools of compreme distocation, which were treated by the banding with grown if my of the white stronger of the comment of my of the color that sent by my blood which there will be dellow that accidents.

Gunshet Frounds.

by many of the high all weatherful it is died that a gun that we ile passage through any portion of the tody, withing the relating of the pasts instructionally in its trait, and that strugting is a necessary step lower its up and ten or cure.

At I have swither then nor nitposition to who with a partient or examination of the opinion of the many in the select of the many of them meanly newark, that I below many of them to incorrect views of the path long of gundhot in with



I your shet lacerates and weakens the parts the rough which it propes, the capellary to is in its rouls are deletitation and paraly & their capacity on the per comane of their carele und is to be rally despended thus a called me weapocitated, they dannet a free in these if theed and on wealt- to mpet it, they be come wyar god, and by Their experts at proper Use their titality is fenally it handlite; the Hood Stop nated and trogatato, and story to my de cods. When nature I we a distert this deries of wents and take place; and then it it said, That a quarthot kell the part through which I Dieses, and that the ophing is expected to ne oray. This apertions ire inomous; for inste an of The steaghing bing a necessary cet , a gue she I wound, it is mearly a co. nde ocer as of the and inefficient prac



ties: a practice which in rested in i monauce of the tree nation of gun-shotwo unds; and which has been perpetuated by a delposition so be feel by les many; which induced ut to receive intheat describing, and believe to meet, every thing that comed from high authority; and to follow the six be. ale back be it right morse. The death of The parts is to be ascribed to over-distriction, and the delive of the will in the ? y ale indition to write they ere, and by The your -on. to ar in other words; over the leviling in dea by the delian of the on sive .. . w . es went out or test. I their vilality. Jacomed is this view it the path is a ge n-ta. t win is into only rational mode of breakment and to be, we aid writing by je ing duppert to the mora to be via. This it et wice to me It live out to and siche



ally accomplished by The roler, win Those under are do deterative ad la retrue Tid explor cal in to it composition werryment will be previoled, The resteld over in desposed and itrogramed, and mables to circulate Their plecies and throw out adhesive matter, and anion by the just intention will quick in re- Wallish the t. hounds it parts. The Cornelius . This view, or it will The is any of the breakment, has been incontrate ly province, by many lied in the practice of The . it is wished i've vor of durgery with sud, Ivania University. In his lecture - go ourney ather Caded, that on a gentimous, the in persuace in tat, receive the time , and · in not in ned right Thego - The bace in its papeage devided the emoral artery. Who howorkage been instante unsted y pr apare on the istery at is passage over the



pulled a comoners was placed wer the com not and we the desection is the astory; and the boudage epiblical you the investor to The superior at training of the him o. I'm wound of the gue shot healed by the first montion; and we three or four weeks, the patient and perfectly restored and desirente Mu, sid business. List it should be died hat there might run. veen something promber in this Edder and to at it does not affect the general boston, the at strughing and supsuration are necessary Course are est of an shet would yet wice none ark; tho. Co Fully and treated a varie ty of cased in the same manner; and with a uniformity of succes, that would were, Come any televalle de ru to nonder tely and sature any one if the yer early of the treatment; unless it to these, whose opin



ions are formed by prejudice rather than ju agenciat; or rather those, who with a blind parlinacity addere to the brecepts and opin ions of their predicepors, rather than form - purious for Thurselves. In The voryoung paged I have said nothing of constitutional remedies, but I would not have it infered that I wish to exclude the un, or deen them uneffected; an the contr ary, I believe Them indesposable in many Eased but as the injuries of which I have treated accur in constitutions of very diff ment degrees of exectability; and as the dame individual is at deferrat periods in quele opposite states of susceptibility to the instruct of excitting landed, I Thate mearly remark that when general sever suc cads The local histories is it buy frequen ty will in full robust habits; it will be



necessary to use the lences, to purge, to now date, and in short to inferce the autophliques be require to the regulate extent that these accidents may predent throughlas in feetle de belitated constitutions; in which the powers of nature are de prostrated that stimulants, lo need, and a free use neutrolous food may ale become necedary: in such cases nature must be supported and elevated to the heating point- that these is write will be Casionally b- met with in individuals la bouring under Chylopolic derangemention such cases it wite be expedient to cornect the mortide condition of the Stomach, lin or, Ve, by the unicious exhibition of he we pile, Calonel the mineral acids, If c. In line, the good doubt of The durgeon m ust adapt his remedied to the necuteari ties of each case. With these remarks of



Close my paper, at the same time apologing is many imperfections.



Paped - March 10 " 1828

